

London Energy Partnership

Transforming London into a world-class city for sustainable energy



UKTI Energy Briefing

Dr. Ute Collier, Partnership Manager, 5 February 2008

What is the Partnership?

- Established by Mayor of London in 2004: an unincorporated consortium of public and private organisations
- Working as an independent body, using the power of partnership, to enable London to respond to the challenges of climate change, security of energy supply and fuel poverty and to deliver energy action more effectively
- Additionally, the London Hydrogen Partnership is working to make hydrogen a reality in the capital (www.lhp.org.uk)

Our partners



MAYOR OF LONDON



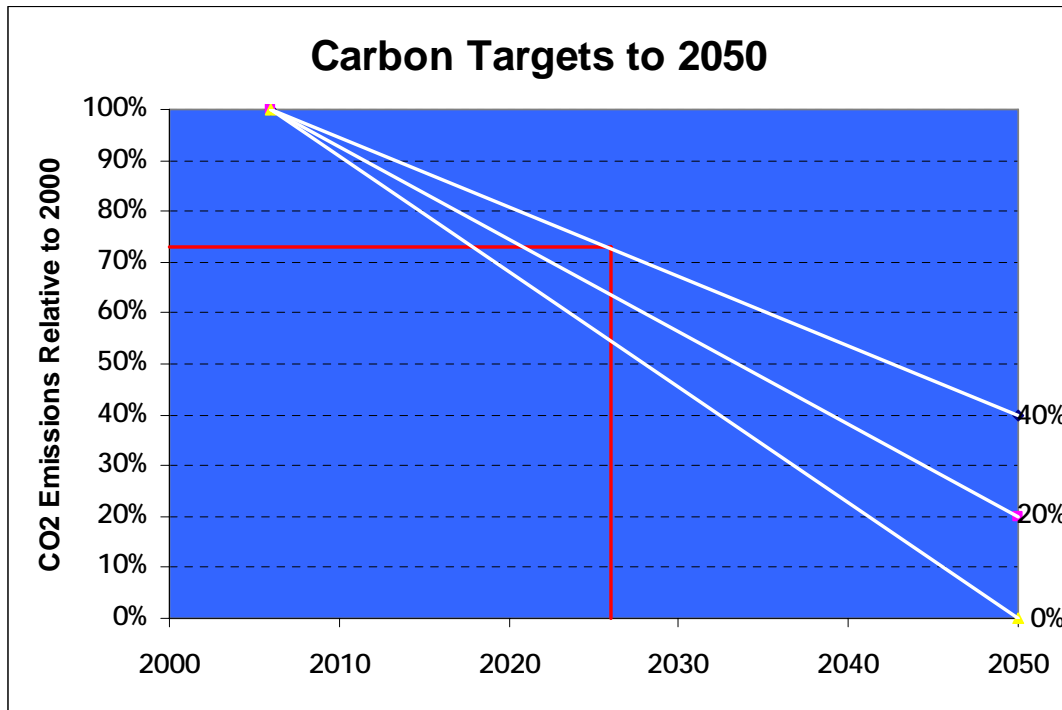
The LEP aims to:

- Assist in the delivery of London's CO₂ reduction, fuel poverty and security of supply targets.
- Enable high-profile, London-wide initiatives that deliver social, environmental and economic benefits.
- Create **commercial opportunities** in sustainable energy.

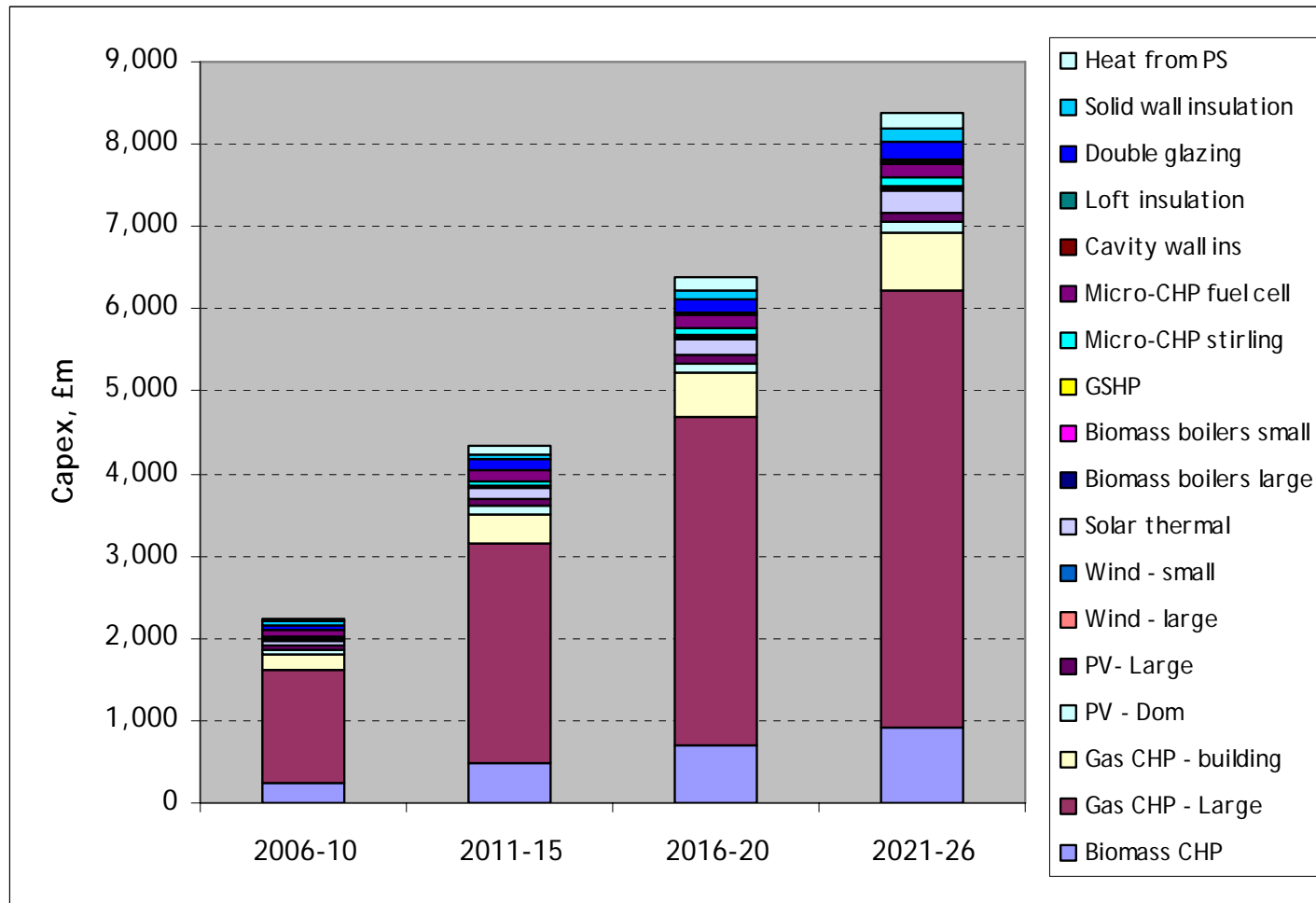
Investing in London's Low Carbon Future

Carbon scenarios to 2026

- Stretch target of 27%



Large scale CHP led scenario



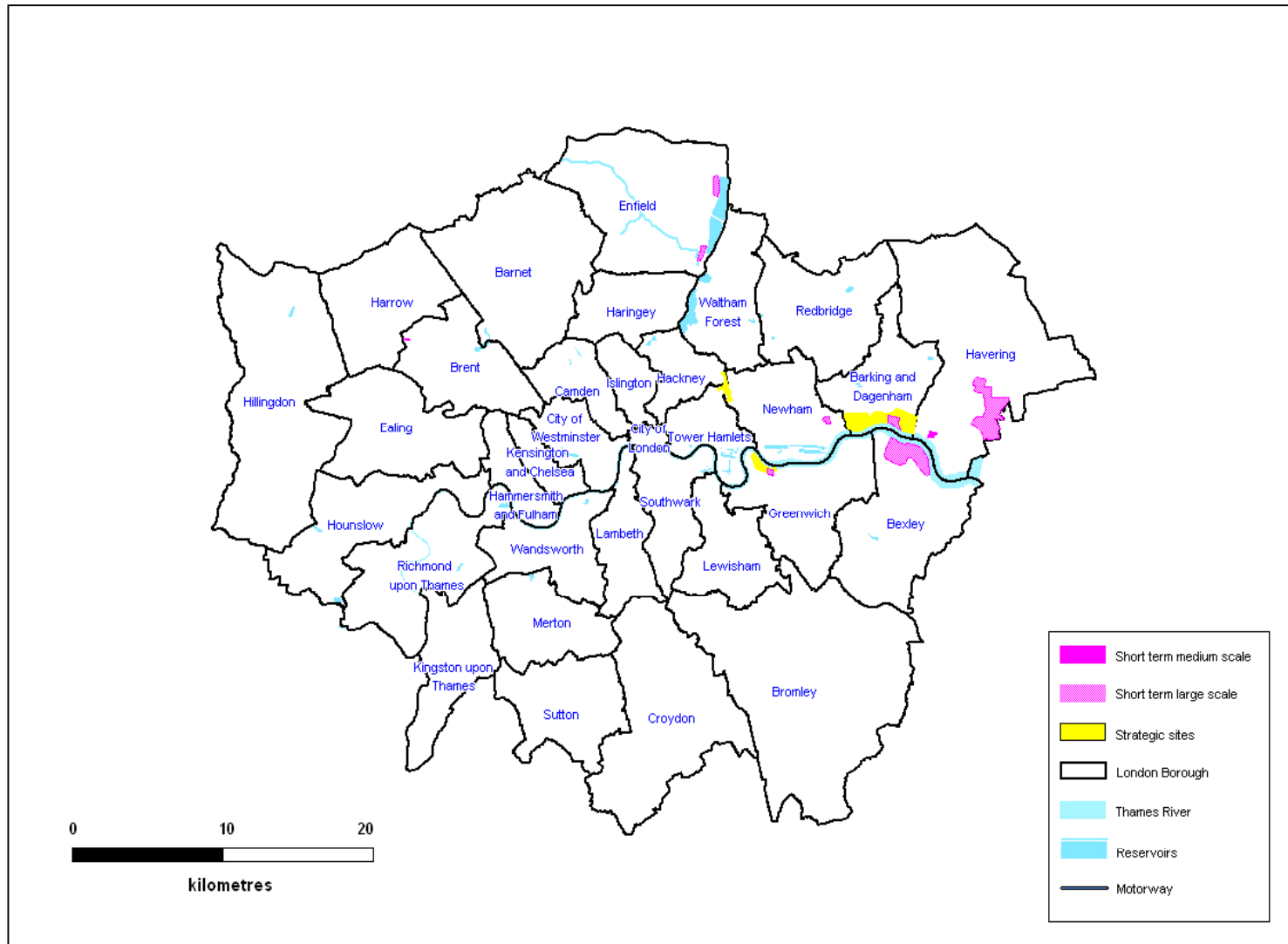
Renewables: Wind and Biomass



Wind: 50.34 MW (= 144 GWh)
potential for installing
commercial-scale non-building
integrated wind turbines.
(>100kW)



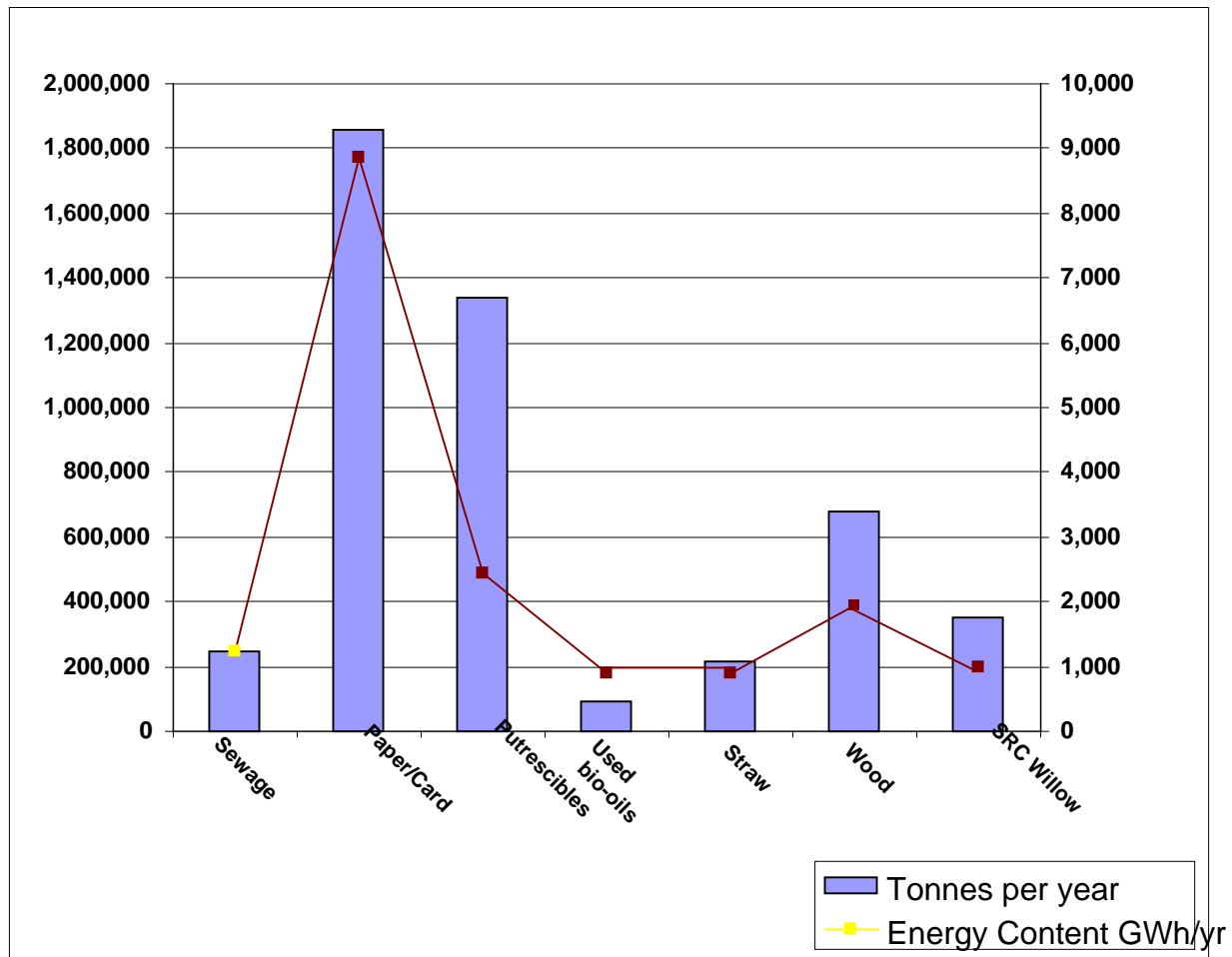
Potential wind development locations



Biomass

- Potential to displace around 10% of conventional energy sources, saving around **3.5 million tonnes of CO₂ a year**
- Ongoing work to establish a **secure supply chain** of biomass fuel for London and an agreed set of **Guidelines for Developers and Planners**

Biomass sources in London



Thank you!

www.lep.org.uk